

# **METHOD AND APPARATUS TO IDENTIFY FUTURE EVENTS AND DEVELOP AN ACTION PLAN TO ADDRESS THE IMPACT OF THOSE EVENTS ON CURRENT DESIGN VIABILITY**

## **Abstract of Disclosure**

The present invention is directed to a method and apparatus to identify future events and develop an action plan to address the impact of those events on current design viability. The present invention includes a method to assess the impact of those future changes by isolating a period of criticality for a current model and identifying a number of impacting change factors of the isolated period of criticality. The method also includes the step of determining a risk assessment value for each of the number of impacting change factors and prioritizing the number of impacting change factors based on each risk assessment value so that a directed action plan may be formulated for each of the impacting change factors based on their respective risk assessment value. A computer program is provided for an automated risk assessment tool identifying future events and minimizing risks associated with the future events.

## Figures